April 2022 Products & Solutio

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Manufacturers' Directory

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A List Of Our Industry's Leading Manufacturers and Suppliers

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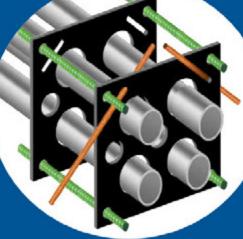
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IP2 Sizes 1/2" thru 6" Roll assembled conduit into caissons and under obstructions

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IP13A-F

Conduit Transition Coup



PVC Schedule 40 & 80 Transitions in Less Than 5 Minutes



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IP15

Schedule

40/80 PVC

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Save Cost on the Rigid Nipple, Tape & Labor Use for Entire Job - Not Just for Repair

PVC/Liquidtite

1 Piece 1/2" thru 6" Schedule 40/80

IP14a

Plus More Being Invented for SAFER BETTER FASTER Jobs . . . Call With Your Ideas!





Protect Yourself

Miller Safety Consultants —

A Leader in Arc Flash Protection

Vince Miller started Miller Safety Consultants, a veteran owned business in 1999. The goal of the business was to provide cost effective safety consulting, employee training such as: confined space entry, fall protection, electrical safety and provide sales of electrical shock and flash protective equipment and fall protection equipment to businesses in the Washington DC area.

Reliance Industries provided fall protection products and much of the sales and training was on behalf of the supplier. In 2000, the owner decided to retire from his business, and Vince decided to discontinue the fall protection line of his business and concentrate more in the electrical training and products.

Vince had been a distributor for Certified Insulated Products (CIP), a manufacturer of electrical insulated tools and electrical arc flash clothing manufactured by Otex in Rochester, New York. As a distributor, Vince provided sales through his internet website and much through relationships with electrical contractors. His training was a classroom environment and was provided directly to customers but he also taught as a sub-contractor for other safety consulting companies and the

Chesapeake Safety Council in Baltimore, Maryland. In 2005, Vince partnered with Vivid Learning Systems in Cascades, Washington to provide on-line training in safe work practices.

Training in electrical safe work practices is still provided locally in the Washington DC area and as a partner with an electrical engineering firm and online. The training is based on the Occupational Health and Safety Administration (OSHA) standards and the National Fire Protection Association (NFPA) 70E standard.

Miller Safety Consultants is now a distributor for Cementex USA, Burlington, New Jersey, for insulated tools and equipment and clothing from OTEX Protective, Rochester, New York.

The majority of his sales of products are from the web-based store. Cementex is

nationally known for their quality equipment. Otex Protective is becoming more known for their quality clothing. For years, they have manufactured their products under other provider labels. Vince chose to not create his clothing line, but to sell the manufacturer product.

Vince has worked with many electrical company employees to fine-tune the clothing to be more comfortable for the user. Working closely with the manufacturer, they have made slight changes in how the cloth pattern was modified to meet final production. An example is the lightweight 40 Calorie vented hood offered by Otex.

The material is of the latest technology. The vented assembly is constructed for balance on the back of the hardhat and the airflow is 27 CFM to prevent fogging of the face shield and provide cooling to the worker. It took over a year to develop the product with the user prior to having the hood "flash tested". This product is now standard issue with many electrical contractors.

Being a small business and having quality providers has resulted in satisfied customers for Miller Safety Consultants. Being a direct supplier for OTEX Protective, another small business means customized customer needs can be met.

□

For more information, visit
Miller Safety Consultants at:
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Install Peace of Mind...











ANDL Industries, Inc. is an electrical box manufacturing company dedicated to creating innovative solutions to industry challenges. RANDL Industries, Inc. is located in Spokane Valley, Washington. They invented and manufactured the first ever 5 Square® products.

RANDL's Founder and President, Robert Hagarty, spent nearly 30 years as an electrical superintendent and foreman in the electrical construction and installation industry and has been a member of IBEW Local 73 for many years. Over the years, Bob began to notice that the occurrence of ground faults and short circuits in fire alarm systems had become an increasingly severe issue and began tracking the associated troubleshooting hours. Realizing that the problem stemmed from the use of standard electrical boxes, Bob designed and created an entirely new line of backboxes which he named the 5 Square[®]. The patented 5 Square® Box (5" x 5" x 2.875") eliminates ground faults and short circuits at the appliance due to the added volume of the box and space around the perimeter of the appliance.

The 5 Square® also dramatically reduces stress on terminals resulting in fewer damaged appliances. In addition, a major fire signal manufacturer allows a full complement of conductors to be routed in the box per NEC Table 314.16(B). This allows additional circuits and zones to be pulled through the 5 Square®, potentially reducing conduit. All of these advantages tend to save contractors \$20 - \$30 per installed appliance.

RANDL's second generation of innovative products culminated in their 5 Square® Telecommunications Box. What makes the 5 Square® Telecom Box so special? In addition to the increased size and volume, which allows for slack cable/service loop in the box, the 5 Square® Telecom Box incorporates a cable management system guaranteeing minimum bend radius as required by cable manufacturers. Historically, infringement of cable bend radii was not an issue, but due to current and future transmission rate increases, bend radius observance is now very critical. The 5 Square® Telecom Box supports categories 5e, 6, Augmented 6, 7, Augmented 7, and optical fiber cables as well as expected future generations of cable sizes. Slack cable/service loop in the box reduces labor during installation as well as future maintenance labor which further increases cost savings.

Due to the value added benefits and related cost savings of the 5 Square® products many engineering firms, universities, hospitals, and government agencies have become avid proponents and specifiers of the products.

The 5 Square® Boxes have a complementary line of plaster rings that adapt from 5 Square® to 4 square and from 5 Square® to standard 1 and 2 gang openings in depths from flat up to 2 inches. There is also an adapter from 5 Square® to 4-11 for mounting fire alarm zone modules.

Create a Robust and Unrivaled Infrastructure for the Life of your Facility with the 5 Square® Products!

For more information on the 5 Square® Products please contact us at (509) 340-0050 or sales@randl-inc.com. You can also learn more at www.randl-inc.com. Thank you for choosing RANDL Industries, Inc. □

Avoid the dangers of foreign knock-offs and only buy American Made RANDL products!





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iTOOLco is a unique research and development company that has led the electrical tool industry with their groundbreaking designs since 2001. iTOOLco's inventors & Co-Founders David & Michael Jordan have developed and patented countless innovative products, pushing the envelope of what can be done to improve the lives of electricians and distribution partners alike. iTOOLco has been awarded prestigious accolades, including numerous NECA Showstopper Awards, for its groundbreaking work in

the electrical field. Based in Clinton, TN, iTOOLco is dedicated to creating the highest quality American made products, backed by an industry leading 6 year warranty.

With real world experience as electrical contractors, brothers David and Michael Jordan have a deep understanding of the kind of quality, time-saving tools electricians depend on for doing the job right. Over the years iTOOLco has revolutionized the wire pulling market with the introduction of the first ever 12,000

Ib. puller - the Cannon 12K, with built in reverse. As well as their Cordless Cannon 3K & 6K (the first on the market of each, respectively). Capable of reaching areas where power may not be available, these pullers allow users to achieve the same amount of power, without worrying where it will come from. Also known for their Gear Punch which includes lifetime replacement on draw studs, Tray Rollers, numerous Material Handling solutions, etc. iTOOLco ensures that no matter the job, we have a solution.

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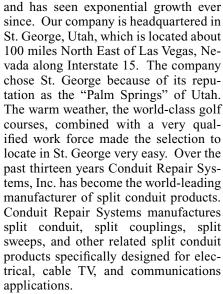
Conduit Repair Systems, Inc.





he old saying, "necessity is the mother of all inventions" holds true for Conduit Repair Systems, Inc. Our split conduit products were originally designed and developed by a cable TV technician and his father in-law that worked as an engineer. The technician found that he needed a repair product that truly restored damaged PVC pipe to its original state. The technician did some research and found that what he needed didn't exist at the time. The two men then developed our patented snap together split conduit products. Since the early days of the company, many additional applications for the products have since been discovered including enclosing exposed cables, relocating aerial lines to underground, enclosing cables on bridges, protecting cables on telephone poles, enclosing fiber optics, and relocating cables along roads.

Conduit Repair Systems, Inc. formally began business operations in 1995



CRS offers its products in a variety of sizes including 1 inch, 1 $\frac{1}{4}$ inch, 1 $\frac{1}{2}$ inch, 2 inch, 2 inch, 3 inch, 4 inch, 5 inch, and 6 inch.

Conduit Repair Systems, Inc. executive staff consists of highly qualified professionals. The President of the company, David Clove, is a CPA and is also a former Finance Manager for Arizona Public Service. Our National Sales Manager, Paul McMullin, brings twenty years of industry sales experience to the company. All of our manufacturing personnel also have many years of professional experience in the plastics industry.

CRS currently services public utilities, rural electric associations and coops, cable TV companies, telephone companies, and electrical contractors through a wide range of distributors located throughout the United States, Canada, Mexico, Japan, Europe, and the Middle East.

If you would like more information regarding our company you can obtain additional information at our website located on the Internet at www.conduit-repair.com.

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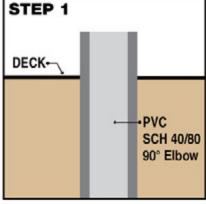
All SP Products Inc.
Transition Fittings are
manufactured for
installation to either
meet or exceed
in accordance with
NEMA TC2, TC3 or

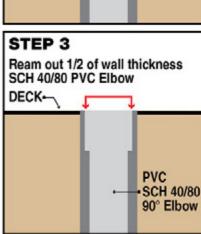


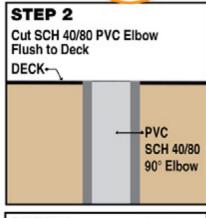
UL 651 specifications

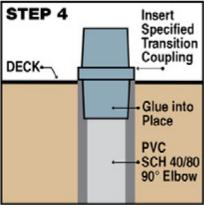
Transition Couplings			
Size	Catalog #		
1/2"	50PVC-IN/PVC-IN		
34"	75PVC-IN/PVC-IN		
1"	100PVC-IN/PVC-IN		
11/4"	125PVC-IN/PVC-IN		
11/2"	150PVC-IN/PVC-IN		
2"	200PVC-IN/PVC-IN		
21/2"	250PVC-IN/PVC-IN		
3"	300PVC-IN/PVC-IN		
3-1/2"	350PVC-IN/PVC-IN		
4‴	400PVC-IN/PVC-IN		
5"	500PVC-IN/PVC-IN		
6"	600PVC-IN/PVC-IN		

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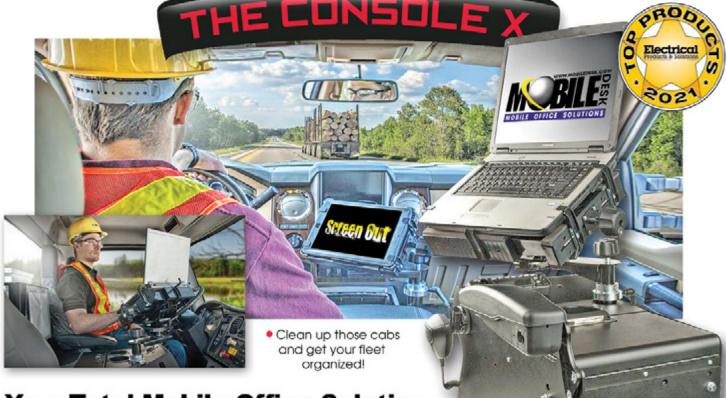
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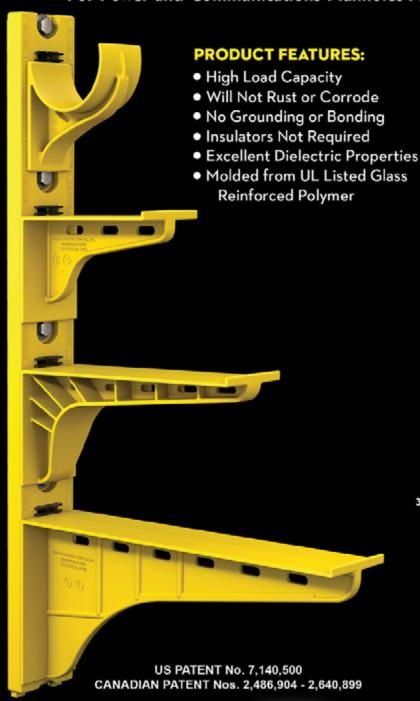
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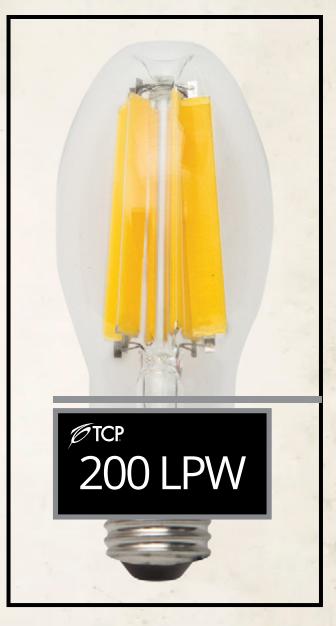
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